

Product datasheet for **SC214462**

MAX (NM_002382) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: MAX (NM_002382) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: MAX
Synonyms: bHLHd4
ACCN: NM_002382
Insert Size: 1379 bp
Insert Sequence: >SC214462 3'UTR clone of NM_002382

The sequence shown below is from the reference sequence of NM_002382. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AGGAAGAAGCTCCGGATGGAGGCCAGCTAAGCCACTCGGGCAGGCCAGCAATAAAAACTGTCTGTCTC
CATCGTCTATCCTCCTTTTCAGTTGTTGGTAGAGCCCTCAGAACCATTTAAGAGACTCTTTATTTTTTC
TCTTTCTCCCTTTTTTTTTTAAATTTTTATTTTTACGTAGAAGCTCTGGACAACAGCTCTCGTTCTCC
TTCCCCATTTCCACTGTATATTTTTTAATGTATTCCTTCAGGGATTCCCTGTCCCAACAGGAATTTT
TAAACCAAAACACCCCAACTTGGCAGCTTTTTCTGTGGAGGACAGACGGCCGGCCGACCTCTGAGCAC
ATAGTGTCTGCCACCCTACCAGCTCCTCCAGCCCTGCCGGGCACATGCCCGGGGACGCTGCCCTG
CCCAGGTGGCCTCCTGGCCGCCCTCACCTCTGATAGACTTTGTGAATCTGAAGTCTACTTTGAGA
AGATGACCGGTTTGGAGTAATCAGAATGAACCCTCCTCCTTTTTAAGGGTTTTTTTTTCTTTTTTC
TAAAAAGCTATGTATCGCTCCTATTGAAAGACCAGATCCTTAGAGAAGTTTGTGGTATAAAAAGGAAGT
GGGGACAGATTCGAGCACAGAGTCGCTGGCATGTTTCACTCCTGCTTCTCAGCCAGCTGTTAAGC
CTGCGGCCAGCCTCACGGAGGCCGTGTGACTCTCGTGGTATGTATGGGAGATGGCAGCAGTGAA
GCAGCAGCCACCAGGGAGTGGCCATTTGGGGTTGGGACAGGGAGGGTGTGTTGGTGGCATAGAGGTTT
TGTATTGAGGGCCAGTGATGATGTTTTGATATTTTCTGCTACTTAAATTTGAATCTGAGTGAATT
GTACCTATTTCTGATGATGTCGGTCTTGCAAAAGCGACAGATTCATAAAGTAATGATGAAATCTTTCTTT
CTTCCCGTGTGATTTCTAAGAAATAGAGCCAAGTATTTGTATGTAATACCAAGAGCAATTTACCT
GGTACTAAACCCGACCCAGTGGCAGCCCTCCAGCCCTCATCCACTTCTTCTACTGTCCTGG
AACCTGTCTCCATTGTGTGATCCAGCCCTGGTTCTGGCTGTGGTCAGCAGATGCCAGTGAAGGGTTTTG
TGTGTTTAGGCCCTCATTCTTTGCTTTTTCTACTCCGTTCTGGCATTGCTGATTTAGTGATA
CTCTGTAGTCTCAGTTCGTGTTTGATTCCATTCATGAAATAAAAAGTATGTTGTACATACTGCCGAA
GAATTGCTTGCAAGTTAAGGCTTCCCCCTTACTATAAGACTATAAATAAAAACCTATTTTATCCTT
ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
```



[View online >](#)

Restriction Sites:	Sgfl-Mlul
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	NM_002382.5
Summary:	The protein encoded by this gene is a member of the basic helix-loop-helix leucine zipper (bHLHZ) family of transcription factors. It is able to form homodimers and heterodimers with other family members, which include Mad, Mxi1 and Myc. Myc is an oncoprotein implicated in cell proliferation, differentiation and apoptosis. The homodimers and heterodimers compete for a common DNA target site (the E box) and rearrangement among these dimer forms provides a complex system of transcriptional regulation. Mutations of this gene have been reported to be associated with hereditary pheochromocytoma. A pseudogene of this gene is located on the long arm of chromosome 7. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2012]
Locus ID:	4149
MW:	51.9